



Electric pedestrian stacker with support arm lift

EJC 212z-220z

Lift height: 2400-6000 mm / Load capacity: 1200-2000 kg



EJC 212z-220z



EJC 212z-220z

EJC 212z	Lift (h3)	Retracted mast height (h1)	Free lift (h2)	Extended mast height (h4)
Duplex mast ZT	2500 mm	1750 mm	100 mm	2975 mm
	2700 mm	1850 mm	100 mm	3175 mm
	2900 mm	1950 mm	100 mm	3375 mm
	3200 mm	2100 mm	100 mm	3675 mm
	3600 mm	2300 mm	100 mm	4075 mm
	4100 mm	2550 mm	100 mm	4575 mm
	4300 mm	2650 mm	100 mm	4775 mm
Duplex mast ZZ	2500 mm	1700 mm	1225 mm	2975 mm
	2900 mm	1900 mm	1425 mm	3375 mm
	3200 mm	2050 mm	1575 mm	3675 mm
	3600 mm	2250 mm	1775 mm	4075 mm
	4100 mm	2500 mm	2025 mm	4575 mm
	4300 mm	2600 mm	2125 mm	4775 mm
Triplex mast DZ	4090 mm	1845 mm	1338 mm	4597 mm
	4300 mm	1915 mm	1408 mm	4807 mm
	4700 mm	2050 mm	1543 mm	5207 mm
EJC 214z	Lift (h3)	Retracted mast height (h1)	Free lift (h2)	Extended mast height (h4)
Duplex mast ZT	2500 mm	1750 mm	100 mm	2975 mm
	2700 mm	1850 mm	100 mm	3175 mm
	2900 mm	1950 mm	100 mm	3375 mm
	3200 mm	2100 mm	100 mm	3675 mm
	3600 mm	2300 mm	100 mm	4075 mm
	4100 mm	2550 mm	100 mm	4575 mm
	4300 mm	2650 mm	100 mm	4775 mm
	4500 mm	2750 mm	100 mm	4975 mm
Duplex mast ZZ	2500 mm	1700 mm	1225 mm	2975 mm
	2900 mm	1900 mm	1425 mm	3375 mm

	3200 mm	2050 mm	1575 mm	3675 mm	
	3600 mm	2250 mm	1775 mm	4075 mm	
	4100 mm	2500 mm	2025 mm	4575 mm	
	4300 mm	2600 mm	2125 mm	4775 mm	
Triplex mast DZ	4090 mm	1830 mm	1341 mm	4579 mm	
	4300 mm	1900 mm	1411 mm	4789 mm	
	4690 mm	2030 mm	1541 mm	5179 mm	
	5350 mm	2250 mm	1761 mm	5839 mm	
EJC 214z, EJC 216z		Lift (h3)	Retracted mast height (h1)	Free lift (h2)	Extended mast height (h4)
Triplex mast DZ	6000 mm	2500 mm	1968 mm	6532 mm	
EJC 216z		Lift (h3)	Retracted mast height (h1)	Free lift (h2)	Extended mast height (h4)
Duplex mast ZT	2400 mm	1750 mm	100 mm	2925 mm	
	2600 mm	1850 mm	100 mm	3125 mm	
	2800 mm	1950 mm	100 mm	3325 mm	
	3100 mm	2100 mm	100 mm	3625 mm	
	3500 mm	2300 mm	100 mm	4025 mm	
	3800 mm	2450 mm	100 mm	4325 mm	
	4000 mm	2550 mm	100 mm	4525 mm	
	4200 mm	2650 mm	100 mm	4725 mm	
	4400 mm	2750 mm	100 mm	4925 mm	
	Duplex mast ZZ	2400 mm	1700 mm	1175 mm	2925 mm
2800 mm		1900 mm	1375 mm	3325 mm	
3100 mm		2050 mm	1525 mm	3625 mm	
3500 mm		2250 mm	1725 mm	4025 mm	
4000 mm		2500 mm	1975 mm	4525 mm	
4200 mm		2600 mm	2075 mm	4725 mm	
Triplex mast DZ	3990 mm	1830 mm	1298 mm	4522 mm	
	4200 mm	1900 mm	1368 mm	4732 mm	
	4590 mm	2030 mm	1498 mm	5122 mm	

	5250 mm	2250 mm	1718 mm	5782 mm
EJC 220z	Lift (h3)	Retracted mast height (h1)	Free lift (h2)	Extended mast height (h4)
Duplex mast ZT	2540 mm	1950 mm	100 mm	3195 mm
	2840 mm	2100 mm	100 mm	3495 mm
	3540 mm	2450 mm	100 mm	4195 mm
Duplex mast ZZ	2540 mm	1900 mm	1245 mm	3195 mm
	2840 mm	2050 mm	1395 mm	3495 mm
	3540 mm	2400 mm	1745 mm	4195 mm
Triplex mast DZ	3750 mm	1900 mm	1218 mm	4432 mm
	4200 mm	2050 mm	1368 mm	4882 mm
	4800 mm	2250 mm	1568 mm	5482 mm

VDI table

Kennzeichen	1.1	Hersteller (Kurzbezeichnung)		Jungheinrich			
	1.2	Typzeichen des Herstellers		EJC 212z	EJC 214z	EJC 216z	EJC 220z
	1.3	Antrieb		electric			
	1.4	Bedienung		Pedestrian			
	1.5	Load capacity/load	Q kg	1200	1400	1600	2000
	1.5.1	Nenntragfähigkeit/Last bei Masthub	Q kg	1200	1400	1600	2000
	1.5.2	Nenntragfähigkeit/Last bei Radarmhub	Q kg	2000			
	1.6	Lastschwerpunktabstand	c mm	600			
	1.8	Lastabstand	x mm	910			
	1.9	Radstand	y mm	1571	1592		
Gewichte	2.1.1	Eigengewicht (inkl. Batterie)	kg	1180	1240	1260	1300
	2.2	Achslast mit Last vorn/hinten	kg	1105 / 1275	1180 / 1460	1250 / 1610	1300 / 2000
	2.3	Achslast ohne Last vorn/hinten	kg	840 / 340	880 / 360	900 / 360	910 / 390
Räder/Fahrwerk	3.1	Bereifung		Polyurethane (PU)			
	3.2	Reifengröße, vorn		Ø 230 x 70			
	3.3	Reifengröße, hinten		Ø 85 x 95			Ø 85 x 75
	3.4	Zusatzräder		Ø 140 x 54			
	3.5	Wheels, number front/back (x=driven)		1x + 1 / 2			1x + 1 / 4
	3.6	Spurweite, vorn	b10 mm	507			
	3.7	Spurweite, hinten	b11 mm	385			
Grundabmessungen	4.2	Retracted mast height (h1)	h1 mm	1950			2100
	4.3	Free lift (h2)	h2 mm	100			
	4.4	Lift (h3)	h3 mm	2900	2800	2840	
	4.5	Extended mast height (h4)	h4 mm	3375	3325	3495	
	4.6	Initialhub	h5 mm	122			
	4.9	Höhe Deichselgriff in Fahrstellung min./max.	h14 mm	850 / 1305			
	4.15	Höhe gesenkt	h13 mm	90			
	4.19	Gesamtlänge	l1 mm	1981	2002		
	4.20	Länge einschließlich Gabelrücken	l2 mm	831	852		
	4.21.1	Gesamtbreite	b1 mm	800			
	4.22	Fork dimensions	s/ e/l mm	56 x 185 x 1150			
	4.25	Width across forks	b5 mm	570			
	4.32	Bodenfreiheit Mitte Radstand	m2 mm	18			
	4.34.1	Arbeitsgangbreite (Palette 1000x1200 quer)	Ast mm	2217	2238		
	4.34.2	Arbeitsgangbreite (Palette 800x1200 längs)	Ast mm	2267	2288		
	4.35	Wenderadius	Wa mm	1777	1798		

Leistungsdaten	5.1	Fahrgeschwindigkeit mit/ohne Last	km/h	6 / 6			
	5.2	Hubgeschwindigkeit mit/ohne Last	m/s	0.2 / 0.4	0.16 / 0.3	0.15 / 0.3	0.11 / 0.34
	5.3	Senkgeschwindigkeit mit/ohne Last	m/s	0.45 / 0.35			0.5 / 0.35
	5.8	Max. Steigfähigkeit mit/ohne Last	%	8 / 16		7 / 16	5 / 16
E-Motor/Elektronik	6.1	Fahrmotor, Leistung S2 60 min	kW	1.6			
	6.2	Hubmotor, Leistung bei S3	kW	3			
	6.3	Batterie nach DIN 43531/35/36		no			
	6.4	Batteriespannung/Nennkapazität	V / Ah	24 / 375			
	6.5	Batteriegewicht	kg	300			288
	6.6	Energieverbrauch nach VDI-Zyklus	kWh/h	1.05	1.18	1.32	0
	6.6.1	Energieverbrauch nach EN-Zyklus	kWh/h	0.77	0.83	0.91	1.08
	6.6.2	CO2 Äquivalent nach EN16796	kg/h	0.4		0.5	0.6
Sonstiges	8.1	Art der Fahrsteuerung		AC			
	10.7	Schalldruckpegel nach EN12053	dB (A)	63			

- This data sheet according to VDI guideline 2198 only states the technical values of the standard truck. Different tyres, other masts, additional equipment etc. may result in different values.

The values in the table apply for the LX-LBE battery compartment; mast ZT2800 / 2840 / 2900 mm, raised support arms. The battery compartments have no influence on the truck dimensions.

- VDI no. 1.8 with EJC 212z / 214z / 216z: with DZ mast: x - 42 mm; with lowered support arms: x + 54 mm.
- VDI no. 1.8 with EJC 220z: with DZ mast: x - 71 mm; with lowered support arms: x + 54 mm.
- VDI no. 1.9: with lowered support arms: x + 54 mm.
- VDI no. 3.3: tandem: Ø 85 x 75 mm.
- VDI no. 4.19 with EJC 212z / 214z / 216z: with DZ mast: l1 + 42 mm.
- VDI no. 4.19 with EJC 220z: with DZ mast: l1 + 71 mm.
- VDI no. 4.20 with EJC 212z / 214z / 216z: with DZ mast: l2 + 42 mm.
- VDI no. 4.20 with EJC 220z: with DZ mast: l2 + 71 mm.
- VDI no. 4.34.1 with EJC 212z / 214z / 216z: diagonal as per VDI: aisle width + 367 mm. with DZ mast: aisle width + 42 mm.
- VDI no. 4.34.1 with EJC 220z: diagonal as per VDI: aisle width + 367 mm. with DZ mast: aisle width + 71 mm.
- VDI no. 4.34.2 with EJC 212z / 214z / 216z: diagonal as per VDI: aisle width + 204 mm. with DZ mast: aisle width + 42 mm.
- VDI no. 4.34.2 with EJC 220z: diagonal as per VDI: aisle width + 204 mm. with DZ mast: aisle width + 71 mm.
- VDI no. 4.35: with lowered support arms: + 54 mm.
- VDI no. 5.3: with ZZ / DZ mast: the lowering speed in free lift is below the specified values.
- VDI no. 5.8: the values in the table relate to the rated load (1.5). With maximum load in the support arm lift (1.5.2): max. gradeability laden = 5%.

The German production facilities in
Norderstedt, Moosburg and Landsberg
are certified as well as our Genuine Parts
Center in Kaltenkirchen.

ISO 9001
ISO 14001

Jungheinrich fork lift trucks meet
European safety requirements.



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